

ROCKINGHAM COUNTY—Continued

362240079411802. County number, RK-238; DENR Upper Piedmont Research Station MW-S1D (Bedrock well).

LOCATION.--Lat 36°22'40.7", long 79°41'18.9", Hydrologic Unit 03010103, .2 mi north of Wentworth Street, 1.5 mi west of State Highway 14 on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Biotite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 302 ft, diameter 6 in., cased to 62 ft, open hole from 62 ft to 302 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by both DENR and USGS).

DATUM.--Land-surface datum is 800 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.80 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--June 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.14 ft below land-surface datum, April 29, 2003; lowest water level measured 23.95 ft below land-surface datum, Oct. 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, FOR PERIOD JUNE TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 05	21.91*	AUG 07	22.95*	SEP 05	23.49*

\*DENR measurements.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL										
OCT 23	23.95*	DEC 09	18.61*	MAR 10	15.36*	APR 29	11.14*	JUL 07	11.36*	SEP 10	12.81*
NOV 20	22.85*	FEB 03	16.91*	APR 02	12.71*	JUN 02	11.76*	AUG 12	12.99*		

\*DENR measurements.

